APPENDIX A - CLAIM AMENDMENTS

Serial No.: 10/625,232
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1. (Previously presented) In the surgical treatment of the human or animal body, a method of controlling excessive bleeding, the method comprising:

inserting a device into the tissue or organ to be treated, the device comprising an applicator having a source of microwave power, the applicator being in the form of a waveguide for microwave transmission extending to one face of the applicator, and an array of needles arranged so as to extend from said one face of the applicator;

positioning the array of needles so that one face of the applicator and the array of needles surround a volume of the tissue to be treated, the array of needles serving to confine the microwave energy field formed within the applicator; and

applying microwave energy confined by the needles to the volume of the tissue to be treated.

2. (Previously presented) A method as claimed in claim 1 further comprising applying microwave energy to the volume of the tissue to be treated for a time sufficient to raise the temperature of the tissue or organ by 20 to 30 degrees C.

3. (Previously presented) A method of surgery on the human or animal body to control excessive bleeding, the method comprising:

inserting a device into the tissue or organ to be treated, the device comprising an applicator having a source of electromagnetic power, and an array of needles extending from said applicator;

positioning the array of needles in a volume of the tissue to be treated;

applying electromagnetic power via the needles to the volume of the tissue to be treated to heat the tissue; and

making an incision into the tissue which has been heated.

4. (Previously presented) A method as claimed in claim 3, in which the step of applying electromagnetic power comprising heating said tissue by 20 to 30° C.

5. (Previously presented) A method as claimed in claim 3, in which said electromagnetic power is provided at microwave frequency.

6. (Previously presented) A method as claimed in claim 3, in which said array includes at least one row of said needles.

7. (Previously presented) A method as claimed in claim 6, which includes a plurality of said rows of said needles, each said row having a plurality of said needles.

8. (Previously presented) A method as claimed in claim 7, in which each said row is straight.

9. (Previously presented) A method as claimed in claim 8, in which said rows are parallel to one another.

10. (Previously presented) A method as claimed in claim 6, in which said array includes two said rows of needles.

11. (Previously presented) A method as claimed in claim 3, in which said array of needles is rectangular.

12. (Previously presented) A method as claimed in claim 3, in which said needles are parallel with one another.

13. (Previously presented) A method as claimed in claim 3, in which said needles are the same length as one another.

14. (Previously presented) A method as claimed in claim 3, in which said needles are straight.

15. (Previously presented) A method as claimed in claim 3, further including providing said applicator with an applicator head, and positioning the applicator head against a region of tissue and actuating said applicator to extend said needles into said tissue.

16. (Previously presented) A method as claimed in claim 15, in which said actuating said applicator to extend said needles into said tissue includes extending said needle array in unison.

17. (Previously presented) A method as claimed in claim 3 which includes providing said applicator with a handle.

18. (Previously presented) The method of claim 3 wherein said array of needles extending from said applicator are retractable.